

Automotive Service Education Program (GM ASEP)

Degree Type

Associate in Applied Science

GM ASEP fulfills two very important goals in providing the best possible education for GM Technicians. First, it combines state-of-the-art technical training with appropriate academic coursework and dealership experience. Secondly, it fills an industry need for well-educated and motivated technicians capable of continued growth in a technologically dynamic field.

Graduates who successfully complete the 21-month cooperative education Automotive Service Education Program will receive an Associate in Applied Science Degree in Automotive Technology and credits toward GM Master Certification in all areas. The Co-op education program allows students to earn money while they work and learn in a General Motors dealership.

No college or educational program can guarantee its graduates a job in the future, but ASEP comes very close to doing just that. GM ASEP students are already working while in school. They receive training on specific products and dealership operations. GM ASEP graduates fulfill minimum training requirements that GM dealerships are obligated to meet. This makes them a valuable addition to the dealership.

The need for well-educated technicians to repair and service automobiles will be around for many years to come. Some GM ASEP graduates have gone on to become teachers, field service engineers, service managers or owners of their own dealerships. The potential for personal and financial growth in this industry is high.

The GM ASEP degree program has a limited number of spaces; therefore, students are carefully selected after consideration of their academic record, scores on the placement exam and an interview with the Automotive Department. The College's rolling admissions policy does not apply to the GM ASEP program. All candidates for this program must take the College's placement exam and must secure a GM dealer sponsor prior to an admissions decision.

Technical Requirements

A candidate for GM ASEP must:

- have a high school degree or equivalent.
- interview with one of the automotive faculty;
- be sponsored by a General Motors dealership/AC Delco Professional Service Center;
- have command of the English language
- have reading comprehension skills sufficient to read and comprehend service literature;
- have communication skills sufficient to prepare required reports;
- be able to understand and follow both written and oral instructions;
- be able to complete requirements for college level classes;
- have sufficient vision to distinguish colors, read gauges, scopes, diagnostic equipment and information from a computer screen (adaptive equipment acceptable);
- have sufficient hearing to distinguish various sounds and noises (adaptive equipment acceptable);
- have the ability to stand for extended periods of time and the physical strength to lift automotive parts and equipment;
- have sufficient dexterity to perform manual skills related to automotive service;
- be able to work in an automotive service facility environment;
- maintain a valid driver's license;
- be able to purchase the minimum required tools.

Students who complete the program will:

- have skills necessary to service and maintain GM vehicles and the integrated systems used on these vehicles.

- have the skills necessary to diagnose and repair GM vehicles and the integrated systems used on these vehicles.
- have the skills necessary to develop and maintain a training path for continued growth using GM Service Technology College (GMSTC).

First Year

Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO121L	Automotive Systems	2	9	5
AUTO128L	GM Automotive Electricity	2	8	4
ENGL100L	English Composition	4	0	4
INDL100L	College Essentials	1	0	1
	Social Science Elective	3	0	3
	Sub-Total Credits	12	17	17

Winter Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO170L	GM ASEP Cooperative Education I	0	12	4
	Sub-Total Credits	0	12	4

Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO225L	GM Chassis Systems	2	8	4
AUTO136L	GM Engine and Engine Related Electrical	2	9	5
ENGL124L	Business Communications	3	0	3
	Mathematics Elective (4 credit)	4	0	4
	Sub-Total Credits	11	17	16

Summer Semester I

Item #	Title	Class Hours	Lab Hours	Credits
AUTO200L	GM Heating, Ventilation & Air Conditioning	2	8	3
AUTO211L	GM Supplemental Inflatable Restraint & Accessories	2	8	3
	Sub-Total Credits	4	16	6

Summer Semester II

Item #	Title	Class Hours	Lab Hours	Credits
AUTO176L	GM ASEP Cooperative Education II	0	6	2
	Sub-Total Credits	0	6	2

Second Year

Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO275L	GM ASEP Cooperative Education III	0	12	4
	Sub-Total Credits	0	12	4

Winter Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO222L	GM Drive Trains	2	9	5
AUTO134L	GM Fuel and Emissions	2	8	4
PHYS128L	Introduction to Physical Sciences	3	2	4
	Humanities/Fine Arts/Foreign Language Elective	3	0	3
Sub-Total Credits		10	19	16

Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
AUTO290L	GM ASEP Cooperative Education IV	0	12	4
Sub-Total Credits		0	12	4
Total Credits				69